

Forum:Seminar papers/Biophysics/2. LF/2013-2014/Group 2

Group 2:

Radioactivity

Subquestions

- Radioactivity – introduction
- types of Nuclear reactions
- Nuclear radiations, characteristic of its types
- explain: Nuclide, isotopes, isobars, isotones
- Nucleus stability, nuclide valley
- Activity, half-life, effective half-life
- Absorption, *Lambert's law*, *Half-value layer*

Laser

Subquestions

- Laser/Physical principle of laser-radiation generation, Stimulated emission, Continuous and pulsed modes of operation
- Laser/Types – improve this subpage (types of lasers and operating principles)
- Laser/Application in medicine

Responsibility for the page content

Subquestion (Link to the subquestion)	Developed by username (Surname, First name)	Team	Started	To check	Checked	Notice
Nuclide	Turky (Albaqami, Turkey Rebh J)	2G				
Laser/Physical principle	MohammedA (Alfear, Mohammed)	2F				
Absorption	Mosab (Almoqbell, Mosab Abdullah S.)	2G				
Nuclear reactions	[[User:]] (Garcia Faria Izquierdo, Maria)	2F				No article yet?
Laser types	[[User:]] (Gilev, Leonid)	2E				No article yet?
Laser/Application	Siensite (Li, Aleksandra)	2H				
Nucleus stability	Msalikh (Murtazaliev, Salikh)	2E	2013-08-12	2013-08-12		
Activity	Jaison (Paul, Jaison)	2F				
Radioactivity	SaaraZ (Zafar, Saara)	2F				
Nuclear radiations	Valeriya0731 (Zheleznichenko, Valeriya)	2E	2013-08-12	2013-08-12		

Evaluation of the article:

- * – this article is not good
- ** – this article could be worse
- *** – this article is good
- **** – this article is very good
- ***** – this article is excellent

Preparing subquestions

Click on your red coloured subquestion on the table above. The appropriate edit window will be opened and you will start creating the content.

Instructions

- Every **subquestion** should be prepared by **one student**.
- Every student has to ask his/her own Wikilectures Administrator for his/her **own account** (login).
- Immediately after getting your own account from the Wikilectures administrator (but at least on **Wednesday, December 4th**) every student **has to choose one topic** (i.e. subquestion) and write down the topic into the 1-st column (before his/her name) of the following table.
- Then she/he has to start writing the chosen topic on the **appropriate Wikilecture page**; the **deadline for**

this seminar work is on Sunday, December 8th.

- After the Wikipage is written, every student has to ask the lecturer (Carmel J Caruana) for its checking by the inserting of the template Check on the beginning of the page:

`{{Check|Carmeljcaruana}}`